

DIGITAL YACHT



NEXT GENERATION MARINE ELECTRONICS



SAIL BOAT



MOTOR BOAT



SUPERYACHT



WORK BOAT



SPORT FISHING



COMMERCIAL
FISHING



WELCOME...

DIGITAL YACHT IS ALL ABOUT NEXT GENERATION NAVIGATION, COMMUNICATION AND ENTERTAINMENT SYSTEMS FOR YOUR BOAT

BOATING SHOULD BE FUN, SAFE AND EASY AND OUR PRODUCTS INTEGRATE INTO EXISTING AND NEW BOAT NETWORKS TO BRING A POWERFUL DIMENSION TO YOUR ONBOARD ELECTRONICS



We firmly believe that low cost consumer devices such as iPhones and tablets, PCs and MACs have a place on board and can help make legacy systems compete with the latest in dedicated marine electronic products at a fraction of the cost. We make internet access whilst afloat easy and affordable as well as bringing all your navigation data to your favourite consumer devices - not just for you but for crew and guests too.

Our navigation systems cover advanced GPS and compass technology as well as the most comprehensive range of AIS products in the marketplace. Plus our PC and software solutions bring simple yet powerful solutions to a variety of on board requirements from communication to navigation, entertainment to monitoring.

We are proud that our production and development process takes place in UK, Europe and N America. A skilled and competent team of engineers work daily to improve our current products, as well as to develop new innovative solutions. Bristol & Fareham are our production locations and we work with a loyal group of local contractors to create a lean manufacturing process. We use the United Kingdom as our centre of excellence to achieve our goal of creating much more durable and long-lasting products with the latest technical standards and highest reliability.

Our US sales and development office is located in Boston and our European facility is based in Rouen, France.

Good Boating,
The Digital Yacht Team



AIS Receivers and Accessories

The most extensive range of AIS receivers and accessories with a model to suit every application.

Adding AIS to your navigation system is simple with Digital Yacht AIS receiver products. All units use the most advanced and super sensitive true dual channel parallel processing receivers for exceptional sensitivity. The AIS100 series is available with NMEA, USB or a combi USB-NMEA output on the PRO model for connection to plotters, PCs or MACs. The Pro model also features a NMEA input multiplexer. Add wifi connectivity for tablet or iPad based navigation with our WLN10SM to the AIS100 or AIS100Pro.

AISNode features a NMEA 2000 interface and is self powered from the NMEA 2000 backbone. Just "T" in and connect an antenna for the easiest of installations. Digital Yacht also offers SmarterTrack Lite AIS viewing software free of charge with every AIS system, turning your PC into a great AIS display. AISNET is an AIS receiver base station with a network port - connect to a router and send local AIS traffic to internet providers like Marine Traffic or even your own local server.

For delivery and charter skippers, a package of PC and AIS100USB AIS receiver with the portable QMax antenna provides a simple solution. Add our SmarterTrack software with Navionics charting and a GPS160USB for a full featured navigation package.

AIS100 Receiver Series



- Advanced dual channel HF AIS receiver technology for best performance
- Choice of NMEA 0183 or USB interfaces (PC & MAC compatible)
- Available with NMEA 0183 multiplexer option on Pro model
- Add wireless connectivity (for iPad and tablet navigation) to NMEA devices with the WLN10SM
- Ultra low power consumption

AISNode - AIS Receiver with NMEA 2000 Interface



- Simple solution to add AIS data to any NMEA 2000 network
- Self powered from NMEA 2000 backbone - just connect to a VHF antenna or splitter
- Advanced HF AIS design for optimum performance
- Supplied with integrated NMEA 2000 drop cable

AISNet - AIS Base Station Receiver with network interface



- Network enabled AIS receiver for base station operation
- High performance dual channel AIS receiver
- Integrated ethernet network controller for supplying AIS data to online AIS websites
- USB Interface for simple plug and play connection to a local PC
- Built-in VHF splitter as an option (AISNet SP)

AIS LifeGuard - AIS SART MOB Alarm



- World's first dedicated AIS NMEA Man Overboard Alarm system
- Operation is automatic, simply connect the two wire NMEA input on the AIS Life Guard to the NMEA output of your AIS and it will listen to all AIS traffic.
- Listens to AIS data on NMEA0183 Input
- Alarms when AIS SART message 1 and 14 are detected
- Internal 95dB buzzer

SPL1500/2000 AIS VHF Antenna Splitter



Patented zero loss technology lets you share your main VHF antenna with the VHF radio, FM radio and AIS receiver or transponder.



GV30 AIS VHF GPS Antenna

The GV30 is a combination of VHF and GPS antenna with twin coax feeds (10m) (antenna mounting base not included).

Very good performance specifically tuned to 162MHz (AIS frequency).



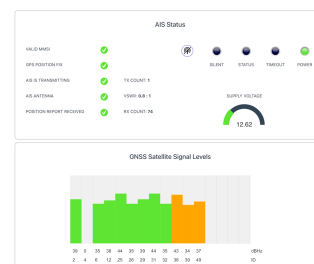
Wake up your chart plotter with Digital Yacht AIS Transponders for every application

Digital Yacht have the most extensive range of AIS products from any manufacturer with AIS receivers and Class A/B transponders available together with a full line up of accessories such as alarms, antennas and splitters.

There are 3 types of AIS transponders: Class A, Class B and Class B+. They all interoperate:

Class B AIS Transponder is for recreational craft installation and is a simplified, lower powered 2W transceiver which is normally a black box and uses a connected chart plotter to display local AIS targets. It transmits every 30 seconds regardless of vessel speed and can't transmit additional data like destination port.

Class B+ AIS Transponder (also called Class B SOTDMA) is a new standard that utilises SOTDMA format transmissions which offer a 5W power output (2.5 x more powerful than a regular Class B), a guaranteed time slot for transmission in busy traffic areas and faster update rates depending upon the speed of the vessel.



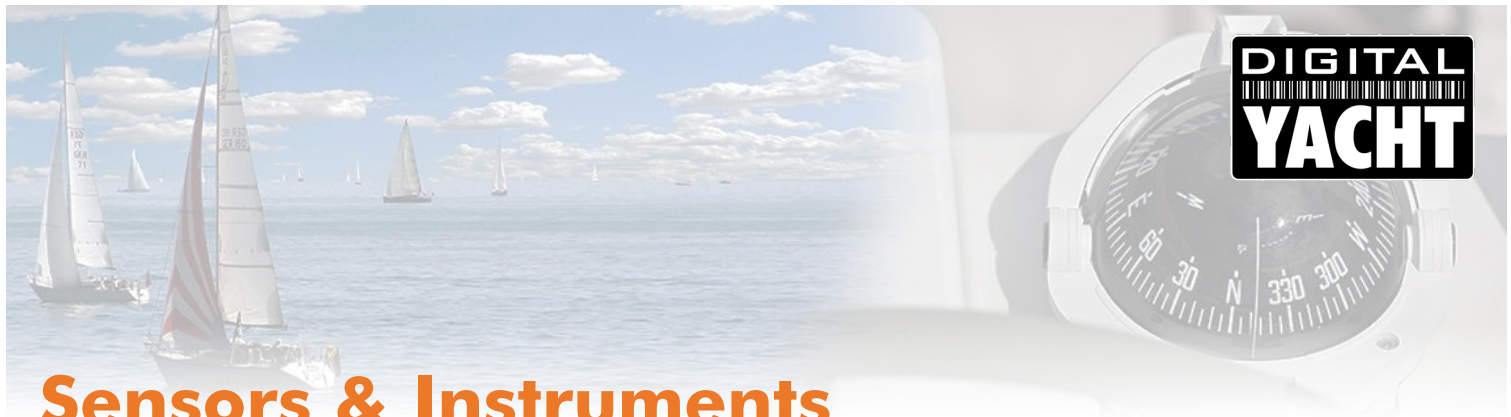
The tablet's browser provides a simple, embedded web interface for one time programming of the boat's identity and physical dimensions. Silencing the AIS transmission and setting up wireless parameters can also be done.

- Built in GPS Antenna
- Models available with either NMEA0183 or NMEA2000 interface for simple connection to AIS compatible chart plotters
- AIT1500 model takes power from a 12/24V operating system and the AIT1500N2K model is self-powered from the NMEA2000 network itself
- USB interface

A digital yacht AIS transponder, model AIT2000 Class B, with a green side panel and multiple connectors at the bottom.

- Two industry standard NMEA 0183 outputs, N2NET connector for plugging in to an NMEA 2000 network and a USB connection
- Remote silence button option
- AIT2500 model is a Class B+ transponder based on SOTDMA (self organised TMDA) messaging that guarantees an AIS transmission time slot.

- The most complete AIS Transponder
 - Integrated and patented ZeroLoss VHF-AIS antenna splitter
 - NMEA 0183, NMEA 2000, USB and WiFi server
 - Class B+ transponder based on SOTDMA (self organised TDMA) messaging that guarantees an AIS transmission time slot.
 - Built-in web interface for easy configuration and installation
-
- Class B AIS transponder with WiFi interface for phones, tablets and PCs
 - NMEA 2000 interface in option (IAISTX Plus)
 - Supports latest target types such as ATONs and AIS MOB devices
 - Latest HF AIS technology for superior performance
 - Built-in web interface for easy configuration and installation



Sensors & Instruments

A complete range of smart and innovative instrument sensors

Digital Yacht iSeaSense is a new range of complete marine instrumentation packs based on NMEA 2000 and wireless connectivity – allowing for maximum flexibility and connectivity. Choose from using phones, iPads and tablets for boat data displays as well as 3rd party industry standard instruments and multi function displays.

Top quality and highly accurate sensors are used for boat depth, speed, temp, wind, compass and GPS data. Data can be shared with other devices on the NMEA 2000 network too. iSeaSense is easy to specify. Available as two main starter packs, everything is included for an easy install and ordering. No app is needed either as the iSeaSense wireless server creates powerful graphical and numeric display pages that can be viewed via a browser on any device.

Positioning is a navigation fundamental and Digital Yacht's TriNav™ GPS160 is a new, high performance positioning sensor using GPS, Glonass and the new Galileo satellite systems. Our TriNav technology is used to combine signals from all three systems to compute the best possible fix accuracy and reliability. Galileo is the new global navigation satellite system (GNSS) that has been developed over the past two decades. Typical accuracy is better than 1m.

The GPS160 is available with a NMEA 0183 output (4800, 38400 and 115200 baud programmable) and a USB variant for PC, MAC and Linux. For NMEA 2000 systems, a bundle is available with a Digital Yacht iKonvert NMEA 2000 gateway. The GPS160 wireless GPS antenna version is supplied with Digital Yacht NMEA to WiFi gateway for wireless navigation and the GPS160 SeaTalk version is supplied with Digital Yacht SeaTalk1 to NMEA0183 converter. The GPS160 also supports a simple external MOB (man-over-board) switch or device. When activated, the GPS160 creates a "synthesised" AIS SART MOB message on its NMEA output which can be interfaced with a local plotter for MOB identification.

Accurate fluxgate compass heading data remains a fundamental parameter for marine navigation and the HSC100 uses fluxgate technology to deliver heading data for on board systems. Typical applications include enabling course up and true motion type displays on chart plotters, radar overlay onto electronic charts and stabilisation of radars when used for MARPA/ARPA target tracking.

iSeaSense Depth Speed Temp & Wind Pack



- Complete marine instrumentation packs
- Based on NMEA 2000 and Wi-Fi connectivity
- Includes depth, speed and temperature transducer with pitch and heel sensor
- Includes the wind sensor with 20m cable
- A full NMEA 2000 backbone cabling kit is included
- Interface creates beautiful graphic display pages of data
- Includes extra NMEA 2000 T piece for system expansion

Smart Sensor



- Transducer for depth, boat speed, water temperature and boat heel/pitch
- Supplied with 6m NMEA 2000 cable
- Includes Bluetooth interface for advanced calibration
- Super accurate 5Hz speed updates from 0.3 to 45 knot
- 235 kHz frequency prevents mutual interference with other echosounders on the vessel

GPS160 TriNav GPS/Glonass/Galileo Sensor



- 72 channel GPS, Glonass and Galileo GNSS positioning receiver
- Typically sub 1m accuracy with TriNav™ technology
- Can be configured as dedicated GPS, Glonass or Galileo only device
- Sophisticated anti-spoofing algorithm for robust positioning performance
- User/field selectable 4800, 38400 and 115200 baud operation through simple internal DIP switches
- Available in NMEA2000, NMEA0183, Seataalk, USB and WiFi version

HSC100 Fluxgate Compass



- High Speed (10HZ) NMEA electronic fluxgate compass sensor
- Ideal for use with radar overlay and MARPA target tracking systems
- Industry standard NMEA 0183 "HDG" output
- Gimballed to 45°
- New "Rate of Turn" version of the HSC100 now released for Class A transponders (HSC100T)

Find out more online

On Board Networking

Digital Yacht interfacing products provide smart and cost effective solutions for connecting equipment and systems together

Digital Yacht NMEA Interfacing products provide smart and cost effective solutions for connecting dedicated marine electronics to the latest consumer devices such as smart phones, laptops and tablets. Both traditional wired and the latest wireless interfaces are available allowing you to easily transfer NMEA data to your mobile device. Whether you are an iPhone/iPad, Android, PC or Mac user, wireless (or wired) interfacing can now be simply added to your existing navigation system with the addition of one of Digital Yacht's smart little devices.

We've also created NMEA gateways to multiplex the NMEA data or to connect and convert the NMEA data to an ethernet network, USB or even the new innovative standard called Signal K. NMEA is the National Marine Electronics Association (NMEA) and is a US-based marine electronics trade organisation setting standards of communication between marine electronics. There are currently two main standards: NMEA0183 and NMEA2000.

The iKonvert interface is an intelligent and flexible gateway. It allows for new NMEA2000 equipment to talk to legacy NMEA0183 equipment and vice versa. Conversions are bi-directional. For example, you may want to get the data from older NMEA0183 sensors onto your NMEA2000 network or you have a new NMEA2000 only MFD and want GPS and navigation data sent to your older NMEA0183 VHF and Autopilot.

LANLink - NMEA to Ethernet Converter



- Bi-directional NMEA to Ethernet converter
- Available in two versions: NMEA0183 or NMEA2000
- 12/24v DC low power operation
- Connects to router or devices via simple RJ45 cable connection
- Web user interface for easy setup from connected device via browser
- TCP/IP or UDP connection modes – support for up to 5 connected devices with TCP/IP

NS5 - Network Switch



- 5 Port Network Switch 100MB speed
- 12/24v DC low power operation
- Dual redundancy power supply design
- Connects to router via RJ45 Cat 5/6 network cable connexion
- Ideal for use with our 4G Connect and Fusion audio systems
- Supports 10/100 Base-T

iKonvert - NMEA2000 to NMEA0183 Converter (or USB)



- Small but powerful bi-directional NMEA 2000 to NMEA 0183 Converter
- Powered from the NMEA2000 network
- Converts AIS, GPS, Navigation, Instrument and XDR data
- USB model features an integral USB cable compatible with all popular operating systems
- Raw developer mode available too for application developers and Signal K enthusiasts

SeaTalk to NMEA Converter (or USB) - Bring life to legacy instruments



- Small but powerful bi-directional converter
- Powered from the SeaTalk network
- Features reliable multi-stage transistor SeaTalk interface
- Opto-isolated NMEA0183 input and differential NMEA0183 output
- USB version is compatible with all versions of Windows, OSX and LINUX

*SeaTalk is a registered trademark of Raymarine

NMEA 0183 to USB C Adapter



Converts NMEA 0183 into USB (C type connector) so that your computer can read the data. USB-A version also available

JB1 - Power & NMEA 0183 Junction Box



The new JB1 junction box from Digital Yacht is a simple, easy to install solution for NMEA 0183 and power connections. It uses a patented spring lock terminal system from Wago. This allows various sized cables to be connected and joined in seconds.

NMEA 2000 Network

A complete range of NMEA 2000 cables & connectors to create NMEA 2000 networks plus diagnostics & monitoring tools

NMEA 2000 is a plug-and-play communications standard used for connecting marine sensors and display units within ships, boats, and other vessels. Digital Yacht offers NMEA 2000 cables & connectors to create NMEA 2000 networks plus diagnostics & monitoring tools to display and create alarms for any NMEA 2000 data. Additionally, we have NMEA 2000 to NMEA 0183 converters, NMEA 2000 to USB gateways and NMEA 2000 Wi-Fi servers.

The NMEA 2000 Starter Kit is a quick and easy way to start building a NMEA 2000 network and Digital Yacht can provide additional NMEA 2000 cables and components that allow you to expand your system – up to the maximum 50 NMEA 2000 device limit. The maximum single drop cable length is 6m and the total length of all drop cables must be less than 76m. Please note that all Digital Yacht “drop cables” can also be used as backbone cables and are easily connected together to make any length of backbone cable required.

NavAlert is Digital Yacht’s latest innovation and allows an alarm to be set for any parameter that’s available on the boat’s NMEA 2000 network. That could be navigation data such as depth, heading or speed, electrical data such as voltage and engine/generator data including temperature, pressure, tank levels, fuel flow etc.

NAVDoctor is the perfect NMEA 2000 diagnostic tool for dealers, installers and boat builders. It turns any mobile device in to an NMEA 2000 network analyser, creating simple and clear web pages that show the health and status of your NMEA 2000 network.

NAVALert - NMEA 2000 Monitor & Alarms Solution



- Universal NMEA 2000 alarm and monitoring solution
- Set a configurable audio and visual alarm for any parameter on the NMEA 2000 network – for instance: shallow depth, low fuel level, off course, engine temp, tank levels, low voltage etc
- Relay the alert via the NMEA 2000 bus to a Garmin MFD
- SMS alerting through Digital Yacht’s 4G Xtream system to a mobile – ideal for remote monitoring of the boat.
- Built in unique anchor drift alarm
- Built in AIS collision avoidance alarm

NAVDoctor - NMEA 2000 Diagnostic Tool



- NMEA 2000 Wireless Diagnostic Tool
- Self powered from NMEA 2000 bus – fits in seconds
- Perfect NMEA 2000 diagnostic tool for dealers & installers
- Simple web interface displays in your browser
- Lists all devices on the NMEA network and all PGNs being transmitted
- Checks physical (bus voltages/frame errors) and data messages
- Health page gives you an immediate snapshot of the networks key performance parameters
- Generates a Network Health Report that you can print or save to PDF

NMEA 2000 Starter Kit



- NMEA2000 starter kit – Everything you need in one box
- Smart 4-Way T-Piece “Backbone”
- 1m (3ft) Power Cable with in-line fuse
- 1m (3ft) “Drop Cable”
- Pair of removable network terminators so system can be easily expanded
- Connect up to three devices
- Expand with our range of connectors and accessories

NMEA 2000 to Wi-Fi or USB



- Navlink2 is an NMEA 2000 to WiFi server
- iKonvert is an NMEA 2000 to USB converter
- Self powered from NMEA 2000 bus – fits in seconds
- Compatible with all popular software & apps like iNavX, TimeZero, OpenCPN, Navionics, SailGrib, NavLink, iSailor, SeaPilot, AquaMap, etc.

1/3/6m NMEA 2000 Drop Cable



1,3 or 6m NMEA 2000 drop cable to expand your NMEA 2000 to to whatever size you need.

NMEA 2000 Single or 4 way T-Piece



As your NMEA 2000 network expands beyond the 3 device limit of our NMEA 2000 Starter Kit, you can use one of our single T-pieces or 4 way T-pieces to add additional devices.

Find out more online

Portable Navigation

Integrate smart devices like iPads and tablets into your boat's navigation system

At Digital Yacht we define Portable Navigation as being able to use a laptop, tablet, smartphone for navigation and mapping. With the rise of technology, portable navigation is becoming more and more common.

Navigation/mapping applications and software are more and more popular and numerous for Android or Apple products and now most of them support NMEA data allowing your tablet, smartphone, laptop to become a complete and trusted navigation system. By connecting an NMEA to WiFi adaptor or an NMEA to USB adaptor, your navigation software or iOS/Android app will be connected to your navigation system (chart plotter, instruments, autopilot, AIS, etc.). Then, your software or navigation app will display in real time AIS targets, GPS and Wind information.

There are numerous benefits of using an iPad or tablet for navigation. Obviously, the financial aspect is the most important for portable navigation, where a simple system allows you to get all navigation data on your mobile devices. With most people already owning a tablet or smartphone, the user only needs to purchase the product needed to transmit the data to these devices.

Tablet navigation also gives the user the ability to greatly improve their electronic system and utilise a navigation system with unlimited functions. If a chart plotter is already owned, customers can connect their existing plotter system to a product that will broadcast NMEA data wirelessly. This works with all major brands including Raymarine, Navico, Furuno, Garmin, etc.

In addition to navigation and cartography, having an iPad, Tablet or Smartphone on board allows you to connect to the internet (if you have access) and therefore check your emails, surf the internet, Youtube, Facebook, etc.

Our products are compatible with all popular navigation apps & software!



Read our blog for articles & tests about the best navigation apps and software!



EngineLink Wireless Engine Interface



- Display your engine data on a tablet, smartphone, PC, Mac, etc.
- Integrated engine instrument displays
- Compatible with engines/outboards with NMEA 2000 capability
- Displays for popular parameters like RPM, battery voltage, temperature, pressure, fuel, etc
- Dedicated electric engine display page
- Support for single or dual engines
- GPS and AIS data too from NMEA 2000 for apps

iSeaSense Wireless Instrument Interface



- NMEA 2000 interface and wireless gateway for instruments
- Integrated instrument display page server
- Configurable display pages for depth, speed, temp, wind, time, GPS, navigation and compass
- Self powered from NMEA 2000 network
- Add 3rd party wired NMEA 2000 displays too

WLN10 Series NMEA0183 to WiFi Servers

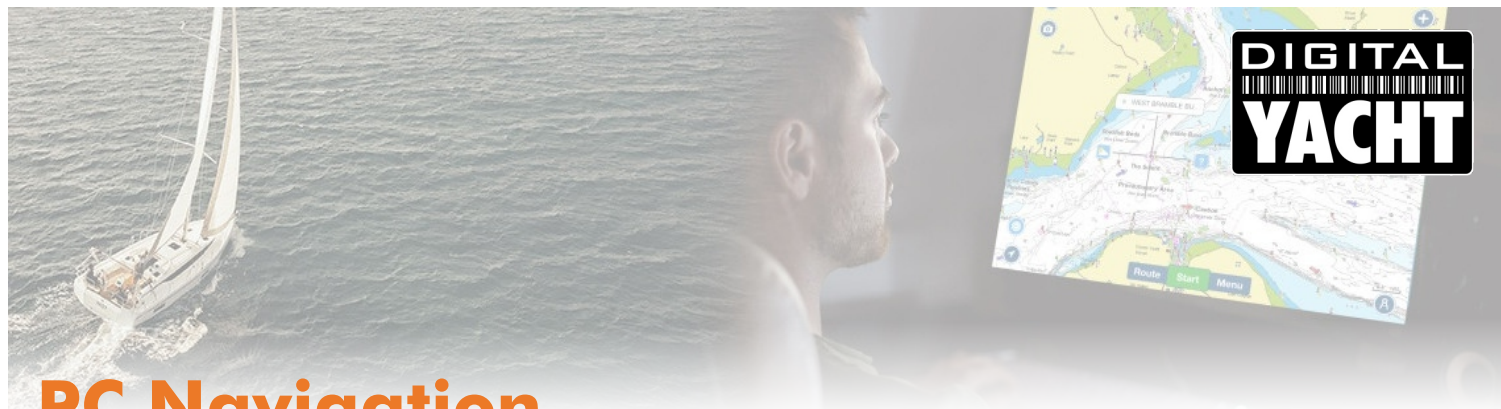


- NMEA 0183 to WiFi server (4800 baud or 38400 baud)
- Three input NMEA 0183 to WiFi Multiplexer with WLN30 model - Multiplexed data transmitted over Wi-Fi and NMEA 0183 output
- Set baud rate, SSID and password through web interface
- Supports both UDP (for multiple connections) and TCP/IP Interfaces

NavLink 2 NMEA2000 to WiFi Server



- NMEA2000 to Wifi gateway
- Self powered from NMEA 2000 bus – fits in seconds
- Supports TCP/IP and UDP connection modes
- Provides AIS, navigation and instrument data to all popular apps (Compatible with Windows, Linux, MAC OS, iOS and Android)
- Up to 7 connected devices
- Password protected
- Developer mode for advanced users and custom applications - eg Expedition software



PC Navigation

Utilise a PC for navigation, communication and entertainment with Aqua Compact Pro

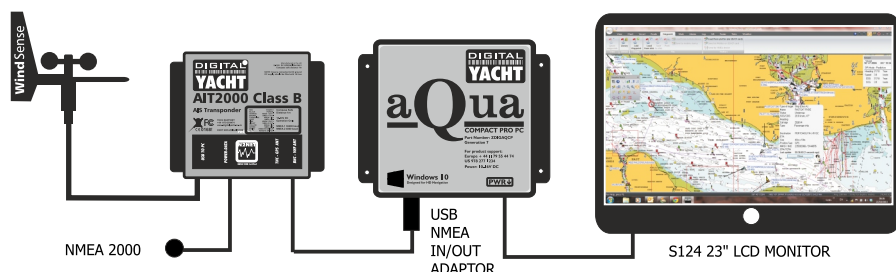
Thinking about adding a PC to your boat? Digital Yacht's new Aqua Compact Pro PC really does fit in the palm of your hand! Space is always at a premium on board and despite its slimline 11.5 x 11 x 5 cm dimensions, the Aqua PC packs in a powerful 10th generation Intel Core i3 processor with exceptional graphics performance for the latest 3D charting and HD navigation programs. It's the perfect partner for applications like Maxsea TimeZero – even with radar and 3D overlays.

So why a PC on board? The number one, compelling reason to add a PC to your boat's navigation and communication system is amazing value. There's no doubt that a dedicated chart plotter is ideal for use at the helm where it needs to be waterproof and compact. But below decks, a PC can offer big screen performance at a very attractive price compared to a dedicated large screen multi-function display. Of course, a PC and chart plotting software can also be your only electronic navigation device, just integrated to the GPS and instruments via a simple NMEA interface.

A PC also offers more powerful functionality than a dedicated MFD with the ability to install software for lots of applications from navigation to entertainment, email communications, weather and internet connectivity. PCs are also up-dateable as new applications become available.

Any why not a laptop? They are simply not designed for the hostile marine environment and consume large amounts of power. It's a much neater solution to have a dedicated PC and dedicated display both in terms of functionality and reliability. However, if you're chartering a boat, a laptop may be the answer and our SmarterTrack Express Pack with software and an advanced DualNav plug 'n play positioning sensor makes portable navigation easy.

Typical PC System Integration



This system builds on a basic PC package and includes AIS (Class B transponder) plus a WND100 wind transducer integrated for wind speed and angle information. SmarterTrack software offers an advanced AIS display with colour coded targets and alarms for CPA and TCPA. The AIT2000 also allows interfacing to traditional chart plotters with a NMEA 0183 and NMEA 2000 interface. There is also a GPS NMEA output for DSC VHF's.

Aqua Compact Pro PC



NMEA to USB adaptor For easy PC connectivity



- The perfect solution for demanding navigation applications like MaxSea/Nobeltec TimeZero
- Direct 12v DC Operation - 24v option
- i3 11th gen processor
- 8GB DDR4 2133MHz SO-DIMM memory and 240GB solid state drive
- Dual display outputs – full size HDMI and USB C
- Bluetooth 5 and Dual Band WiFi built in
- 4 x USB 3 ports with charging mode on front panel port
- Windows 10 or 11 operating system
- Micro SD slot – ideal for Navionics cards with our SmarterTrack PC navigation software
- Also available: Aqua Compact Pro + with Intel Core i7 processor with 8GB RAM, 480GB solid state hard and fast HD graphics

SmarterTrack Navigation Software



- Simple yet powerful PC Navigation software
- Supports Navionics' Gold or Platinum chart cartridges
- Now compatible with Navionics Smart Charts
- Excellent AIS support
- Full set of configurable alarms
- Displays tidal height and tidal flow data
- All route and waypoint data created on SmarterTrack can be transferred to your dedicated chart plotter
- Displays all NMEA 0183 instrument data
- Allows import of downloaded weather GRIB files

Find out more online

Internet Afloat & Entertainment

Our internet solutions offer speedy and affordable internet access afloat

More and more boaters want access to internet afloat. Marinas and ports as well as a large number of cafes, hotels, restaurants and service providers offer WiFi connectivity but you may just miss that vital connection if you're moored or anchored away from the dock. Internet access afloat really adds to boating. Not only can you keep abreast of news and email, but it's a great source of entertainment, TV and media when allowing you take advantage of the latest entertainment services such as Netflix and Spotify. It can also be used to download the latest weather information.

4G Connect Pro and 4G Xtream offer internet connectivity up to 25NM from the coast through 3G/4G/LTE connectivity which fulfils 99% of the recreational boating industry's requirement. Simply insert a SIM card and you have your own independent internet network without hunting for WiFi access points and passwords. The 4G Connect utilises MIMO technology and dual external antennas.

The 4G Xtream offers an ultra fast CAT6 modem with dual SIM card readers, built-in GPS as well as an NMEA 2000 interface for navigation app connectivity. They create a local WiFi (or wired) network on board for other devices to connect and they can also connect to another internet source and switch between the connections. A long range WiFi antenna can be connected to the 4G Xtream. This allows the 4G Xtream built-in WiFi router to share an internet connectivity from both LTE (4G) and WiFi hotspot.

4GXtream 4G Booster with NMEA 2000 Interface



- Latest Cat 6 LTE MIMO technology with range up to 25NM offshore (network dependent)
- Dual SIM slots with auto fail over or manual selection
- Two external, high gain, wide bandwidth antennas
- Dual band integrated wifi router (2.4 & 5 GHz) – independently configurable
- Built in NMEA 2000 interface to transmit NMEA 2000 data over the wireless and wired network to compatible apps
- Built in GPS
- 3 x LAN ports & 1 x WAN port for additional internet connectivity
- SMS addressable
- Optional 10m & 20m LMR400 assemblies

NEW! 5G Xtream available with 5G near shore connectivity. See our website for details

Long Range Wi-Fi Antenna



- Connect the 4G Xtream to WiFi Hotspots
- Operate over the full 2.4 & 5GHz wireless frequency range
- Particularly useful in remote areas where 4G coverage may not be good
- 15dBi antenna
- 10m LMR400 coax cable
- 58cm antenna
- Deck mount and fixings
- Connector kit
- Requires 4GX system

4G Connect



- Hi performance 4G/LTE modem for exceptional speed and range
- SIM unlocked for any network provider
- Choose between internal antennas (Standard) or external antennas (Pro)
- Pro model supplied with 2 x high performance external 48cm antennas
- 7m low loss LMR 200 cable kit included
- Supplied with deck base for antennas on Pro model
- WiFi router for tablets and phones
- 7m std (23ft), 10m (33ft) or 20m (66ft) option coax cable
- 12V DC operation with <5W power consumption



DTV100/200 Digital TV Antenna

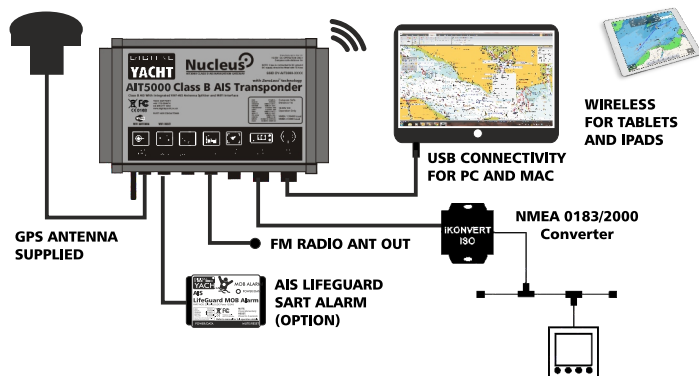
- Very high performance omni directional marine TV antenna with global reception capability of latest DVB/HDTV signals
- Vertical and horizontal antenna elements for unrivalled reception
- TV and FM radio outlet on below deck mounted amplifier with -7dB to +29dB gain
- Pole or standard 1" adaptor mounting ability
- Just 280mm diameter - supplied with 10m/33ft coax
- Dual out TV amplifier and 20m (66ft) antenna cable (DTV200)

Digital Yacht Solutions

System Packs from Digital Yacht

Building a system with Digital Yacht is easy with these Digital Yacht Solutions ideas. Integrate AIS, sensors, internet connectivity and iPads or tablets for a true wireless navigation and communication solution for your boat. Add a PC with software for below decks, chart table or bridge navigation. DY Solutions make it easy to integrate 3rd party products too. Digital Yacht can help build AIS Solutions where we can offer Class B transponders for multiple applications from jetski and tender tracking right through to iPad and tablet based navigation with our AIT5000. PC Solutions provide a powerful yet value based big screen navigation solution integrating our AIS and sensor products with Aqua Compact Pro and our Navionics based SmarterTrack software or with Timezero Navigator. iSeaSense is the systems approach for our range of instrumentation sensors which now includes GPS, depth, speed, wind and compass.

AIT5000 Class B+ AIS with iKonvert and AIS Life Guard

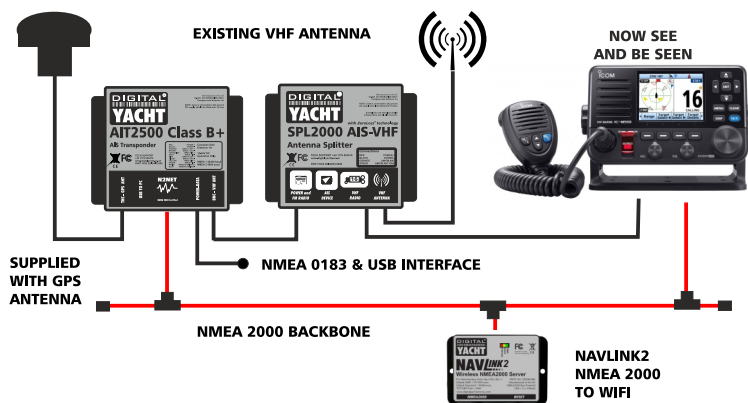


The AIT5000 "Nucleus" Class B+ 5W AIS incorporates not only a full function Class B+ AIS transponder but also an antenna splitter allowing the main VHF antenna on the boat to be shared with the AIS and VHF. Its wireless interface transmits AIS, GPS and NMEA 0183 data to all the popular navigation apps and software.

The AIS Life Guard is the world's first Man Overboard AIS alarm designed to work with the AIS SARTs & MOB's. Upon detecting an AIS SART or MOB transmission (message 1 and message 14), the AIS Life Guard will sound its internal 95dB alarm and display a red warning light.

Option: Add iKonvert for the AIT5000's wireless interface to also transmit additional NMEA2000 data

AIT2500 Class B+ AIS with Icom M510 VHF Radio

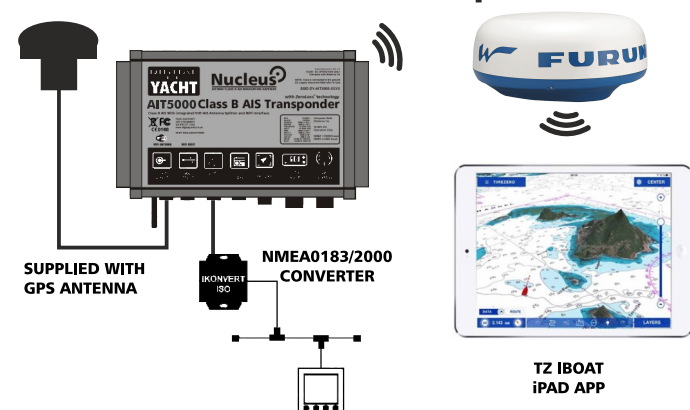


The AIT2500 is a Class B+ AIS transponder. It uses our latest Class B+ SOTDMA technology. The Icom M510 is an AIS ready VHF which is normally supplied with an internal AIS receiver. Many boaters want AIS transmission capability too and the AIT2500 makes the perfect partner, upgrading the system to a full Class B+ 5W AIS transponder.

This solution also includes the patented ZeroLoss SPL2000 VHF-AIS antenna splitter – allowing the main VHF antenna to be shared with the VHF and with the AIT2500. You don't need to install a 2nd VHF antenna which saves time and cost while preserving excellent performance thanks to the ZeroLoss technology.

Option: Add NavLink2 to wirelessly transmit additional NMEA 2000 data

Furuno Radar & AIS Transponder with VHF Splitter



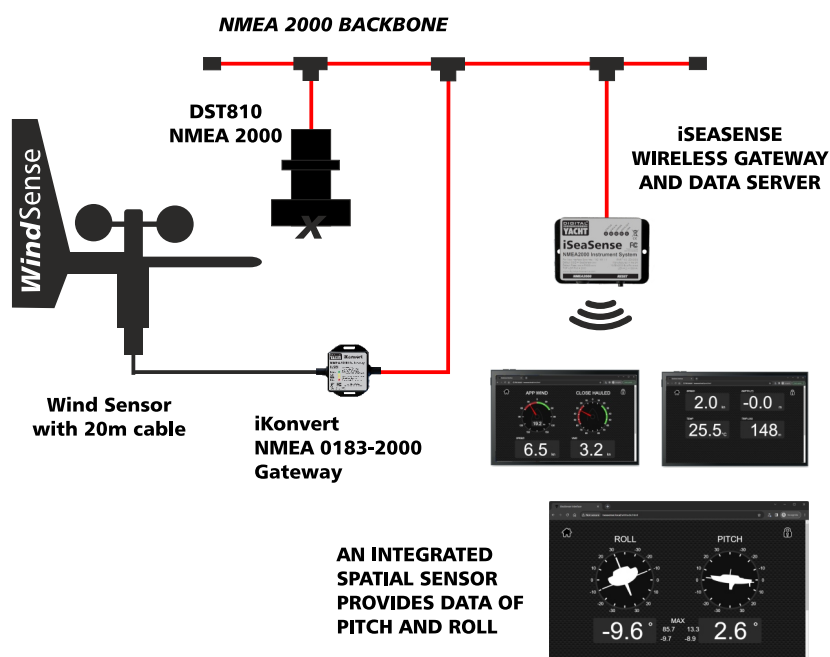
Add AIS, GPS and Radar to your iPad wireless navigation solution with the AIT5000 Class B+ AIS transponder and Furuno DRS4W 24NM radar.

The Furuno DRS4W radar is a wireless radar designed for operation with an iPad. No extra wiring is required other than a power source as data is sent wirelessly to the iOS devices (up to 2 can connect) so installation is particularly easy. The radar app is available as a free download from the app store but most users will utilise the Timezero iBoat charting app so that AIS and GPS data can be wirelessly combined with the radar video image and accessed by the TZ iBoat app.

Option: Add an iKonvert for the AIT5000's wireless interface to also transmit other NMEA2000 data

Digital Yacht Solutions

iSeaSense – Wireless Depth Speed Temp & Wind Pack



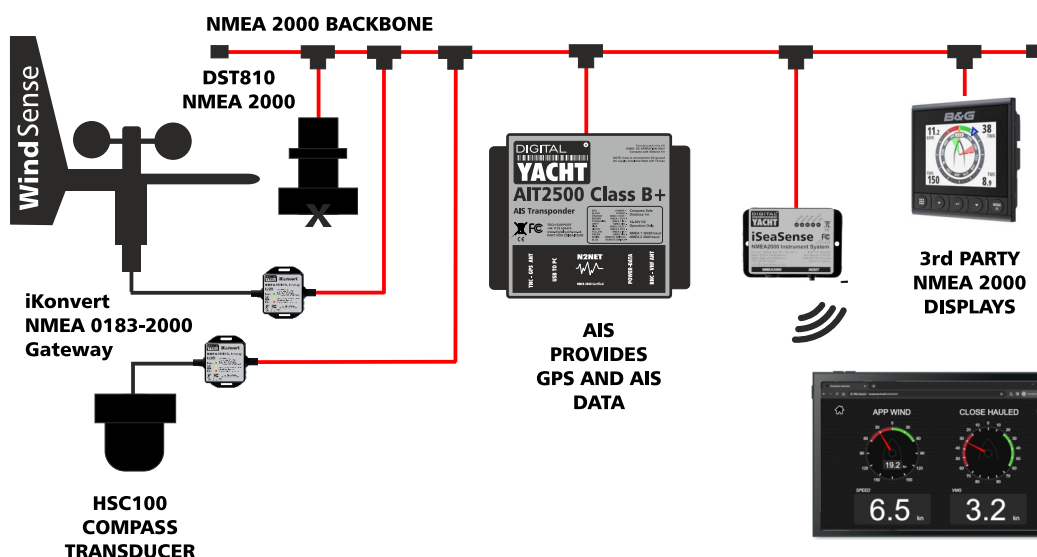
Digital Yacht iSeaSense is a new range of complete marine instrumentation packs based on NMEA 2000 and wireless connectivity – allowing for maximum flexibility and connectivity. Choose from using phones, iPads and tablets for boat data displays as well as 3rd party industry standard instruments and multi function displays.

Top quality and highly accurate sensors are used for boat depth, speed, temp, wind, compass and GPS data. Data can be shared with other devices on the NMEA 2000 network too.

iSeaSense is easy to specify. Available as two main starter packs, everything is included for an easy install and ordering. No app is needed either as the iSeaSense wireless server creates powerful graphical and numeric display pages that can be viewed via a browser on any device.

With Pack 1, depth, speed and temperature data is included with the DST sensor. A spatial sensor is also embedded for detecting pitch and roll which can be used for sophisticated speed calibration. Pack 2 also includes a wind sensor with 20m cable and a interface to "T" directly to the NMEA 2000 backbone providing wind information to the system.

Advanced iSeaSense pack with AIS, GPS and Instrumentation



A sophisticated system with a Class B+ 5W SOTDMA AIS transponder integrated to provide AIS and GPS data as well as instrumentation.

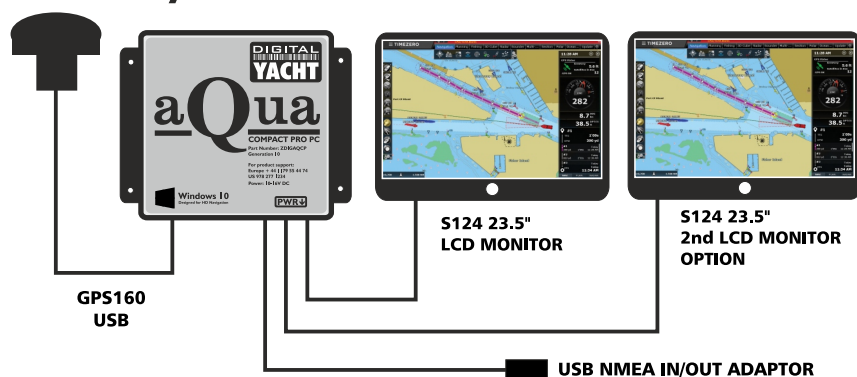
This system is expandable using a NMEA2000 backbone and it includes the iSeaSense Wi-Fi interface. It is an easy to fit NMEA 2000 to WiFi server. It features an easy-to-use web interface. No apps are required. Simply open the browser on a connected device, navigate to iSeaSense.local and the optimised touch screen display is ready.

This Advanced iSeaSense pack has all you need for a sophisticated marine instrumentation system on board. It has instruments, including compass, speed, depth and wind, AIS and NMEA 2000 networking and interconnect cables. Add an iKonvert USB interface to the system and use an Aqua PC at the chart table or nav station for additional functionality.



Digital Yacht Solutions

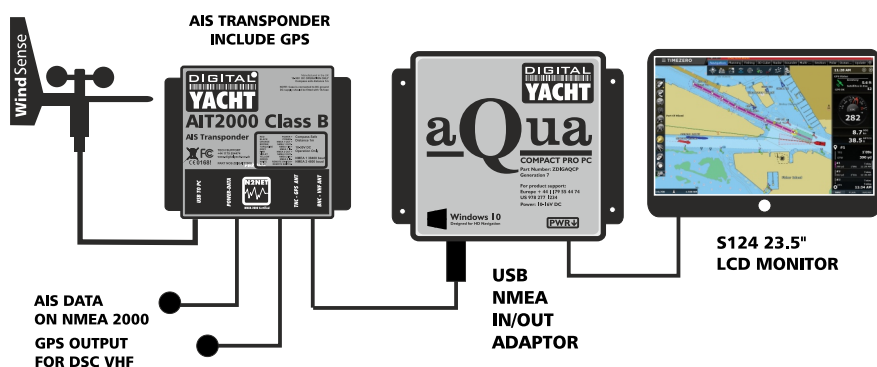
PC Nav System with TriNav GPS



Digital Yacht's latest Aqua Compact Pro PC brings affordable and reliable PC based navigation to boats. With low power, DC operation, it boasts the latest Intel 10th generation technology - built in wifi and bluetooth and a solid state hard drive with 8GB RAM.

TimeZero navigation software utilising C-Map, Navionics or MapMedia charting can be preloaded for a sophisticated yet simple to use chart plotter system with 23.5" display (17" option also available). The GPS160 TriNav sensor provides GPS, GALILEO & GLONAS positioning inputs with typical sub 1m accuracy. Additional NMEA devices can connect via the USB NMEA adaptor.

PC Nav System with GPS, Wind & AIS Class B Transponder

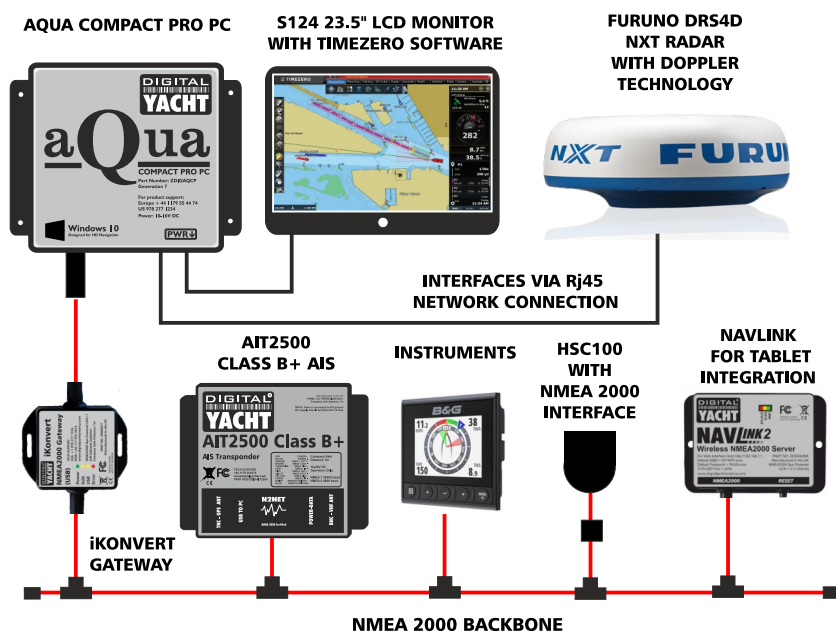


This system builds on the basic package and includes AIS (Class B transponder) plus a WND100 wind transducer integrated for wind speed and direction information.

TimeZero software offers an advanced AIS display with colour coded targets and alarms for CPA and TCPA plus instrument displays too.

The AIT2000 allows interfacing to traditional chart plotters with a NMEA 0183 and NMEA 2000 interface. There is also a GPS NMEA output for DSC VHF's. GPS positioning data comes from the AIS transponder. Second monitor option also available.

PC Nav System with Radar, NMEA2000 & Timezero



This system integrates the Aqua PC with a Furuno DRS4D NXT Radar with doppler technology, Timezero Navigator software with Radar module and a NMEA 2000 network using Digital Yacht's iKonvert USB gateway. AIS, GPS and instrument NMEA 2000 data is made available with a bi-directional interface to the PC software application.

This is a popular option - it allows a small waterproof plotter to be mounted in the cockpit or flybridge and a full function PC system below deck. NavLink provides a wireless feed of NMEA 2000 data to independent iPads or tablets. TZ Software supports cloud syncing of waypoints, route and user data so the iPad app can share data with TZ on the PC too.

The AIT2500 utilises the latest Class B+ transponder technology.

Find out more online

Digital Deep Sea Commercial Products

CLA2000 Class A AIS Transponder for Mandatory AIS Commercial Solutions

The CLA2000 AIS Class A sets new standards of performance, functionality and reliability. As a single, fully integrated Class A transceiver, the CLA2000 is easily installed and configured with dual NMEA2000 and NMEA0183 connectivity allowing plug & play integration with other bridge systems. The hi-resolution full colour display delivers a range of powerful functionality, including full CMAP ENC charting, multiple text and graphic display modes, AIS target management, proximity alerts, MOB/SAR alert and tracking and much more. The unit is engineered and built for commercial users who rely on their AIS Class A day after day for their safety, security and operational efficiency. The waterproof display is ideal for RIB and work boat mounting at the helm.

AIS SART and AIS LifeGuard - the AIS man over board alarm for use with popular AIS PLBs

Digital Yacht has launched a potentially life-saving product called AIS LifeGuard. Each crew member needs to be carrying a personal AIS device – like the ones made by companies such as Ocean Signal, Easy, Kannad and McMurdo. Just connect the AIS LifeGuard to an on board AIS transponder or AIS receiver and you have a fully operational AIS SART man overboard system. The AIS Life Guard detects both message 1 and message 14 (these are reserved for AIS SART messaging). As soon as an AIS SART transmission is detected the AIS Life Guard will sound an internal 95db alarm and also display a red warning light. So within seconds the helmsman will be aware if a member of the crew or passenger has fallen overboard.

The AIS Life Guard is compatible with all Digital Yacht receivers and transponders and the new generation of AIS SARTS that have recently been approved for global use by the IMO.

The S1000 is an approved IMO AIS SART, suitable for vessel and liferaft deployment. It forms a vital part of mandated on board safety equipment for commercial users and leisure offshore boaters.

PilotLink2 Pilot Plug Wireless Interface



- Wireless Interface for Class A AIS Transponders
- Reads GPS and AIS data directly from the transponders Pilot Plug
- Connects to any standard "Pilot Plug" connector
- USB powered for easy portability – power from any USB source, adaptor or power pack
- Easy web interface with useful diagnostics display and Class A static, dynamic and voyage data displays
- TCP/IP and UDP protocols supported

CLA2000 Class A AIS Transponder



- Globally approved Class A AIS transponder
- High resolution, 800 x 480 pixel 5" colour display (MKD) with easy to use, fast user interface
- Integrated GPS with external antenna or utilise external NMEA feed
- 3 x NMEA 0183 interface (bi-directional for plotter, ECDIS, radar etc)
- 3 x sensor input ports (eg BlueBoard, external GNSS, gyro etc)
- NMEA 2000 interface
- Built in SD card slot
- Built in wi-fi for connection to iPads and tablets for wireless navigation

S1000 AIS SART & LifeGuard



- Full IMO Compliant, Wheel Marked AIS SART
- 50 channel GPS receiver built in
- Specialist VHF antenna technology for superior performance
- LED indications for test and activation
- When activated transmits position 8 times per minute
- Sends SART ACTIVE safety message every 4 minutes

Class A Pilot Plug USB Interface Cable

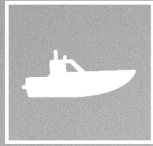


- Allows connection of a PC to a Class A Transponder to receive NMEA0183 AIS and GPS data via a USB port.
- 1.8m Cable
- Fully NMEA 0183 compatible (differential RS422)
- Conforms to the IMO SN/Circ.227
- Bidirectional data connection
- Built-in indicator lights flash to show data is being received and transmitted

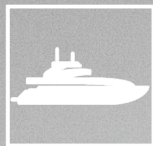
OUR IDEAS FOR YOU



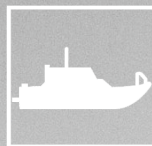
SAIL BOAT



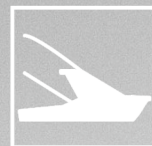
MOTOR BOAT



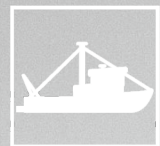
SUPERYACHT



WORK BOAT



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